

WHAT IS CLAIMED IS:

1. A method for controlling an amount of intake air of an internal combustion engine, comprising the steps of:

calculating a target amount of intake air according to a depressing amount of an accelerator pedal,

comparing an output of an air intake sensor for measuring an air amount flowing through an air intake pipe with said target amount of intake air, and

controlling a control signal of a driving motor of a throttle valve so as to reduce the difference between the target amount and the measured amount of intake air.

2. A method according to claim 1,

wherein a double feedback loop system, in which a current flowing through said motor and a detected signal of said air intake sensor are feedback factors, is provided.

3. A method for controlling a motor of a motor driven throttle valve for controlling an amount of intake air of an internal combustion engine, comprising:

a feedback system for feedback - controlling so as a detected value of an air intake sensor for detecting said amount of an intake air becomes to be a target amount of an intake air relating to a depressing amount of an accelerator pedal,

outputting a target amount of a motor current according to the difference between said detected value of

said intake air sensor and said target amount of an intake air, and

a feedback system for feedback - controlling so as a current flowing through said motor becomes to be a target current value.